
WAYNE COUNTY

(Wayne County Water Service Area Map)

- Estimated 1999 population of 18,900--75% on public water
- Estimated 2020 population of 20,900--80% on public water
- 375 miles of water lines, with plans for 85 additional miles
- Estimated funding needs for public water 2000-2005--\$4,413,000
- Estimated funding needs for public water 2006-2020--\$1,163,000

Wayne County had an estimated population of 18,945 (7,574 households) in 1999 with a projected population of 20,855 (9,059 households) in 2020. Public water is provided to about 75 percent of the county's residents. In areas of the county not served by public water, about 55 percent of the households rely on private domestic wells and 45 percent of the households rely on other sources. About 485 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
WAYNE								-
Monticello	63.7	350	3,313				1,100	4,413
Total	63.7	350	3,313				1,100	4,413

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
WAYNE								-
Monticello	22.4	135	1,163					1,163
Total	22.4	135	1,163					1,163

PUBLIC WATER SYSTEMS

Wayne County has 2 public water systems: 1 water district, Monticello Water & Sewer Commission, and 1 non-community system. Eastern areas of the county are also served by the Bronston Water Association and the Western Pulaski Water District.

WATER SERVICE AREAS

WAYNE COUNTY

Kentucky

Prepared By:
Water Resource Development Commission

Department for Local Government
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601-8204
502-573-2382 -- 502-573-2939 fax
<http://dlgnt1.state.ky.us/wrdc/>

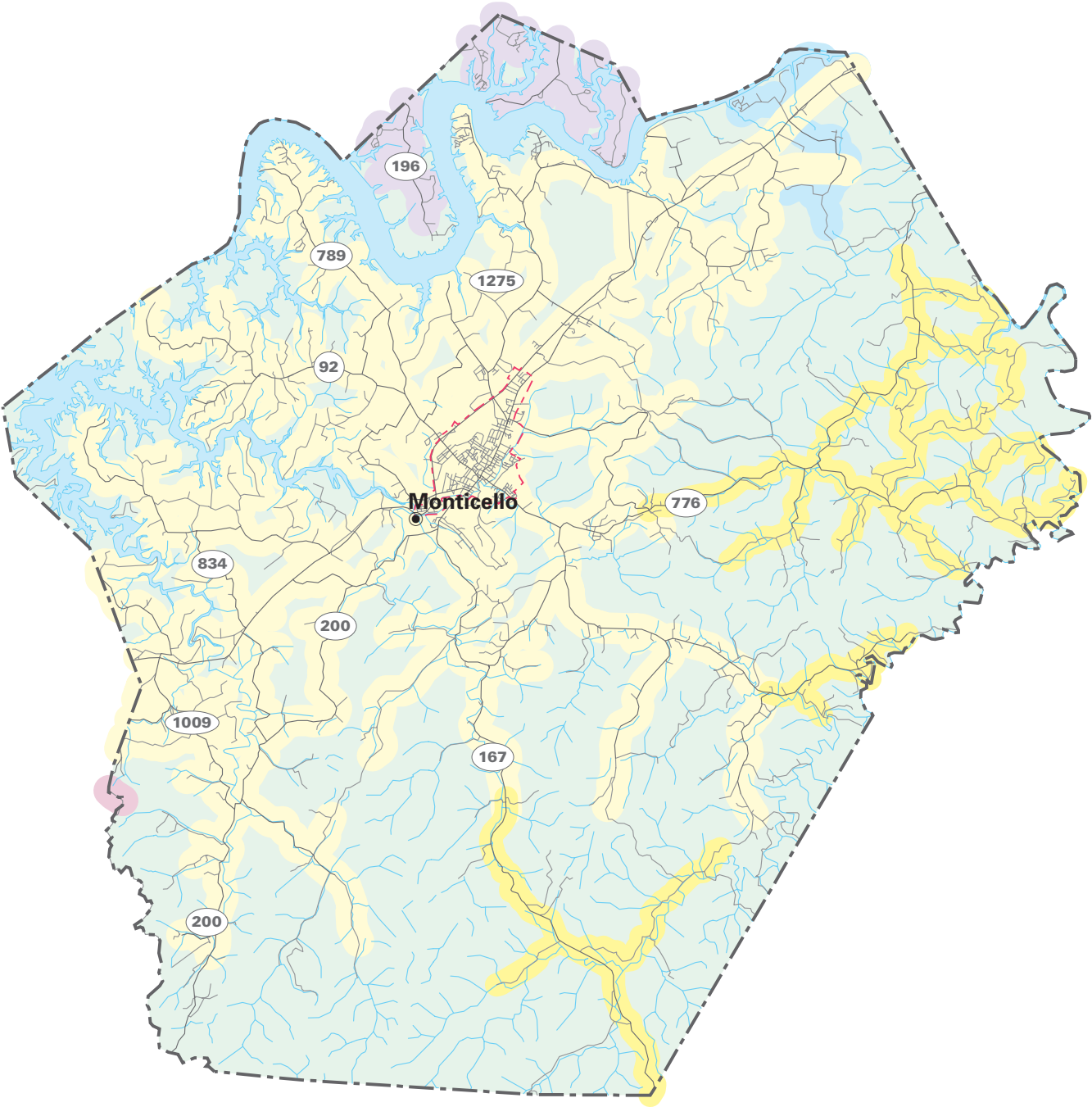
Bob Arnold, Chairman
Lawrence Wetherby, Executive Director

Final GIS & Cartographic Operations By:
Kent Anness & Kim Prough



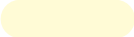
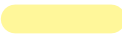
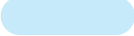



Data Collection & GIS Input By:
Kentucky Area Development Districts



LIMITATION OF LIABILITY: The Water Resource Development Commission has no reason to believe that there are any inaccuracies or defects in information incorporated in this work and make no representations of any kind, including, but not limited to, the warranties of merchantability or fitness for a particular use, nor any such warranties to be implied, with respect to the information or data furnished herein.



WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		WESTERN PULASKI COUNTY WATER DISTRICT
		MONTICELLO WATER AND SEWER COMMISSION
		BRONSTON WATER ASSOCIATON INCORPORATED
		ALBANY WATER WORKS

MONTICELLO WATER AND SEWER COMMISSION

PWSID: 1160291
System Type:..... COMMUNITY
Owner Type:..... WATER DISTRICT
Surface Source:.....MONTICELLO
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 2.90
Percent Daily Average Production:..... 84.00
Total Tank Storage Capacity (gallons):..... 300,000.00
Total Service Connections: 5,569.00
Number of Employees:..... 32.00
Treatment Operator Class:3D
Distribution Operator Class:.....3A
Customer Rate for 1,000 Gallons:..... Not available
O/M costs 1997:..... Not available
O/M costs per Service Connection: Not available
Net Revenue 1997:..... Not available
Total Water Produced 1997 (gallons):..... Not available
Water Sold 1997 (gallons):..... Not available
Unaccounted-for Water 1997 (%): Not available

OTHER SYSTEMS

MOUNTAIN VIEW BAPTIST CAMP

Mountain View Baptist Camp is located in Wayne County. The system serves a population of 250 and has 1 service connection. The private, transient, non-community system has treatment capacity of 20,000 gallons per day and the water source is wells.

PRIVATE DOMESTIC SYSTEMS

About 4,650 residents of Wayne County rely on private domestic water supplies: 2,550 on wells and 2,100 on other sources.

In the eastern half of Wayne County most of the wells drilled in the valley bottoms are adequate for a domestic supply and less than half the wells drilled on hillsides and hilltops are adequate for domestic needs. In western half of the county about three-quarters of the drilled wells in the uplands yield enough water for domestic use. In low lying areas very few wells yield adequate amounts of water for a domestic supply except in areas close to lake Cumberland where some wells are adequate for a domestic supply, especially from wells that penetrate small solution openings within the limestone bedrock.
